

Application No.: 10/806583  
Docket No.: CN0201USNA

Page 2

**Amendments to Claims**

1. (Currently Amended) A liquid casting composition which is a precursor to a solid surface material comprising a liquid polymerizable component, polycarboxylic acid or salt thereof having at least two carboxylic acid groups and having a molecular weight in a range from 300 grams per mole to 5,000 grams per mole, and solid particles wherein the particles comprise:

- (a) first particles having a distribution in the range from 1 micron to 100 microns, and
- (b) second particles having a distribution in the range from 3 mm to 5 mm wherein the first particles are mineral and wherein the second particles are selected from the group consisting of mineral and polymer, and wherein the composition contains an ester of acrylic or methacrylic acid.

2. (Original) The composition of claim 1 wherein said molecular weight is in a range from 300 grams per mole to 1000 grams per mole.

3. (Previously Presented) The composition of claim 1 wherein the concentration of the polycarboxylic acid or salt is in a range from 0.1 to 1.0 weight percent of the liquid polymerizable component.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) The composition of claim 1 which ~~contain~~ contains a non-crosslinked polymer.

7. (Canceled)

8. (Previously Amended) The composition of claim 1 wherein based on the total weight of the composition, the first particles are present in an amount from 10 to 70 weight percent based on total compositional volume, and the second particles are

Application No.: 10/806583  
Docket No.: CN0201USNA

Page 3

present in an amount from 1 to 50 weight percent based on total compositional weight.

9. (Original) The composition of claim 8 wherein the first particles are present in an amount from 30 to 65 weight percent and the second particles are present in an amount from 3 to 40 weight percent.

10. (Original) A solid composition formed from the liquid coating composition of claim 1.

11. (Currently Amended) A liquid casting composition which is a precursor to a solid surface material comprising a liquid polymerizable component, polycarboxylic acid or salt thereof having at least two carboxylic acid groups and having a molecular weight in a range from 300 grams per mole to 5,000 grams per mole, and solid particles wherein the particles comprise:

(a) first particles having a distribution in the range from 1 micron to 100 microns, and

(b) second particles having a distribution in the range from 3 mm to 5 mm wherein the first particles are mineral and wherein the second particles are selected from the group consisting of mineral and polymer.

~~The composition of claim 1~~ wherein the first particles are selected from the group consisting of aluminum trihydrate, aluminum monohydrate, magnesium hydroxide, and calcium carbonate.

12. (Currently Amended) A liquid casting composition which is a precursor to a solid surface material comprising a liquid polymerizable component, polycarboxylic acid or salt thereof having at least two carboxylic acid groups and having a molecular weight in a range from 300 grams per mole to 5,000 grams per mole, and solid particles wherein the particles comprise:

(a) first particles having a distribution in the range from 1 micron to 100 microns, and

(b) second particles having a distribution in the range from 3 mm to 5 mm

Application No.: 10/806583  
Docket No.: CN0201USNA

Page 4

wherein the first particles are mineral and wherein the second particles are selected from the group consisting of mineral and polymer.

~~The composition of claim 4~~ wherein the second particles are polymer.

13. (Previously Presented) The composition of claim 11 wherein the second particles are polymer.